

Page 3, line 23, after "fluorocarbon" insert -- during

C2 filling, and the subsequent vaporization of the fluorocarbon using body heat --

3.E. Page 4, line 7, after "drug" delete "entering" and insert -- being inadvertently released into --

In the Summary of the Invention

Page 1, line 18, after "leak" insert -- of medication --.

after "reservoir" insert -- or leakage

C3 of body fluid through the outer shell of the implanted device u

Page 1, line 26, after "control." insert -- The deform-

able wall serves the function of an accumulator and the output

filter provides the function of a flow resistor or restrictor;

thus the deformable wall provides the "C" and the filter the

C4 "R" of an "RC" time constant for the decrease of flow after a

pulse of medication has been delivered into an outlet chamber

prior to infusion into the body via the RC network. --

Page 2, line 13, after "patient" insert -- and can pro-

C5 vide a safe, proper medication schedule even though the patient experiences time zone or work schedule changes. u

In the Description of the Drawings

Page 1, line 2, after "front" insert -- cross-sectional --

Page 1, line 9, delete "show alternative methods" and insert -- shows a method --.

Page 1, line 15, after "on" insert -- meal size and --.

In the Description of the Invention

Page 1, line 8, delete "telemetered" and insert - trans-
mitted --.

Page 3, line 11, after "the" insert -- liquid --.

Page 3, line 13, after "20" insert -- The flexible dia-
phragm 20 could comprise an elastomer, a moveable bellows, or
other substitutive flexible diaphragm means which would sepa-
rate the medication reservoir 18 from the liquid vapor portion

16 --.

Page 5, delete line 15.

Page 6, line 15, change "resister" to -- resistor --.

Page 6, last line, delete "pressure".

Page 7, line 7, delete "withdraws" and insert -- is driven --.

line 12, change "magnetic" to -- magnetizable --.

line 27, after "pressure" insert -- that can be

C7 created by the spring force of the bellows ~

Page 8, line 2, after "surface" insert -- area --.

line 3, after "200" insert -- which extends into

C8 the bellows 202 ~

line 9, after "p_{max}." insert -- The pressure builds

C9 up rapidly because of the output flow resistance caused by the
ceramic filter 218. --.

line 30, after "214" insert --, the elastic wall

C10 216 thus serving as a fluid accumulator ~

Page 9, line 18, after "pressure." delete "The" and insert

-- A rise in pressure in the medication reservoir 18 relative to
C11 that of the ambient body pressure would cause the -1 psig switch
to be activated setting off an alarm. Further, the --.

line 19, after "rate" insert --, because there is

C12 no pressure differential across the flow resistance of the
ceramic filter 218. --

Page 10, line 5, delete "optimally" and insert -- shown --

line 6, after "214" insert -- but could be

C13 located wherever it could detect and respond to a pressure
change corresponding to medication being pumped from the pump
28. --

line 7, change "pulses" to -- produces --.

line 26, after "signals" insert -- which includes

C14 an alternating magnetic field --.

Page 12, line 24, change "322" to -- 320 --.

Page 16, line 15, delete "transmit" and insert -- are transmitted --.

Page 16, line 19, after "parameters" insert -- 337 --.

Page 17, line 3, after "programming" insert -- interrogation, --.

Page 19, line 1, delete "enters the telemetry input portion of the communication head 300 of Figure 4" and insert -- is

C15 detected by the pickup coil 304 of Figure 5

line 5, delete "communication head 300" and insert -- patient programming unit 400 --

line 5, after "signal" delete "to" and insert --by--.

line 6, after "unit" insert -- 400 to the patient --

line 15, after "but" delete "is".

Page 19, line 23, after "medication" delete ", a "PULSE SENT" "and insert -- into the outlet chamber. A "MEDICATION

216 SENT" --

line 25, after "400" insert -- to actuate an audio indication by loudspeaker 405 or by visual means --.

C17

line 29, after "skull" insert --, or other suit-

C18

able, accessible place on the body,

line 30, after "10" insert -- which may be located

C19

in the torso --.

line 33, change "also" to -- still --.

Page 20, line 8, delete "output" and insert -- portion --.